





ECHNOLOGY CONTER 200

MAT-8026US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Shinji Fukushima

: Art Unit:

2834

Serial No.:

09/701,226

: Examiner:

P. Cuevas

Filed:

February 9, 2001

: Expedited Procedure

BRUSHLESS MOTOR HAVING

For:

ISOSCELES SIDED STATOR

COILS AND POSITION

DETECTION CAPABILITY

: 37 C.F.R. § 1.116

AMENDMENT UNDER 37 C.F.R. § 1.116

Assistant Commissioner for Patents

BOX AF

Washington, DC 20231

SIR:

Responsive to the Final Official Action dated June 13, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Please replace claim 1 with the following amended claim:

- (Three Times Amended) A brushless motor comprising: 1.
- a rotor with a permanent magnet having P (P is an integer not less than two)
- polarities, the permanent magnet polarities having a polarity angle of 360/P degrees;
- and

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- a stator facing said rotor and having a plurality of coils,
- wherein any one of the coils has isosceles sides interlinking with a magnetic 6
- field generated by the polarities, extension lines of the isosceles sides extending 7
- 8 along centers of winding-bundles of the coil, crossing each other at a shaft center
- and having a vertex angle of 360/P degree, the vertex angle being equal to the 9
- polarity angle of 360/P degrees based on the permanent magnet.